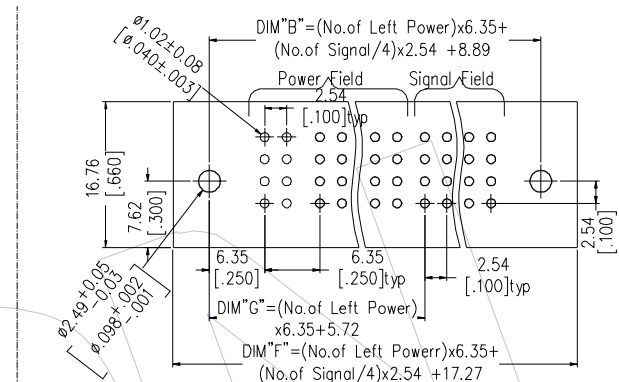
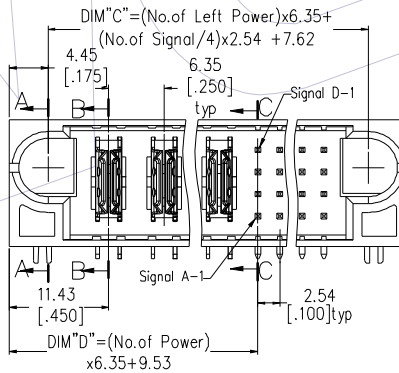
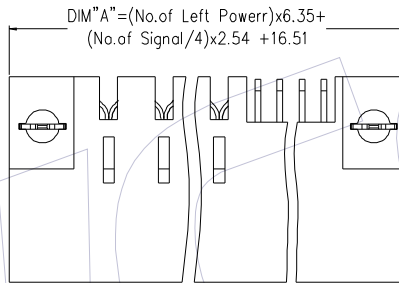
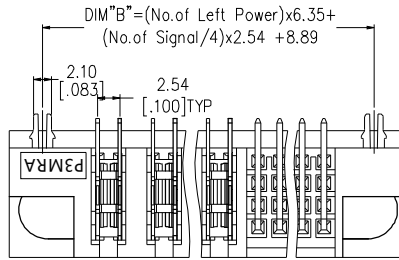


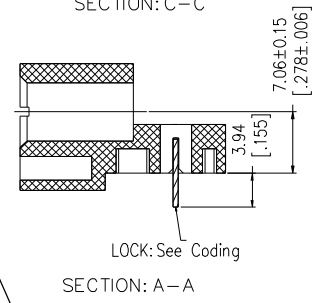
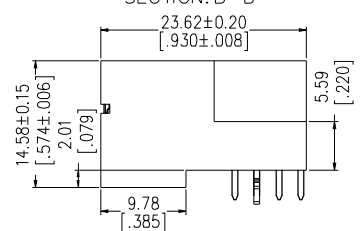
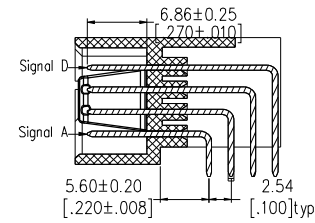
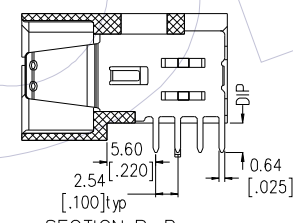
# HSF

**NOTES:**

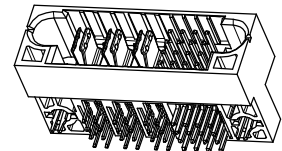
1. Insulator material: PA9T+33%G.F, UL94 V-0;
2. Terminal material: Copper Alloy;  
Terminal Plating: Au/Sn Plated Over Nickel ;
3. Rated Voltage: Signal 50V; Power 600V  $\Delta$
4. Rated Current: Signal 2.5A; Power 30A;
5. Contact Resistance:  
Power 0.7m $\Omega$  Max; Signal 20m $\Omega$  Max;
6. Insulation Resistance: DC500V  
Power 10000M $\Omega$  Min; Signal 500M $\Omega$  Min;
7. Insulation Withstand Voltage:  
Power 2500VAC/1min; Signal 1000VAC/1min ;
8. Durability :200 cycling;
9. Operation Temperature: -20°C to +105°C;



Recommended P.C.B Layout (Top Side)  
(PCB BOARD TOLERANCE  $\pm 0.05$ )



LOCK: See Coding



**P3MR A - XX - XXX XX XX X X A 1**

No. Left Power:  
 01=1Pin  
 20=20Pin

No. Signal:  
 004=4Pin  
 008=8Pin  
 100=100Pin  
 104=104Pin  
 144=144Pin  
 148=148Pin

Power Contact Plated:  
 S3=10u" Gold /Tin  
 S4=15u" Gold /Tin  
 S5=30u" Gold /Tin

Signal Contact Plated:  
 S3=10u" Gold /Tin  
 S4=15u" Gold /Tin  
 S5=30u" Gold /Tin

Tail Options (DIP Type):  
 A=3.43mm  
 B=2.29mm  
 C=4.19mm

Fixed Mode:  
 M: W/T Lock  
 N: W/O Lock

Packing:  
 A=Tray

w3=10u" Gold/Matte Tin  
 w4=15u" Gold/Matte Tin  
 w5=30u" Gold/Matte Tin

REV	DATE	MODIFICATION DESCRIPTION	CHANGE	OPERATION		DRAW PAN	DATE	SCALE	FIT	PART NO.
				x.x	$\pm 0.40$					
A1	2022/03/25	Modify Notes	—	x.xx	$\pm 0.25$	CHECK	DATE	UNIT	mm	P3MRA-XX-XXXXXXXXXA1
A0	2018/10/10	NEW	—	x.xxx	$\pm 0.15$	CHECK	DATE	SIZE	inch	
				Angle	$\pm 3^\circ$	APPROVE	DATE	SHEET	1/2	TITLE: PSP Spacing A 90° DIP MALE (TYPE-3: Left Power+2.54Signal)
				DIM	TOL			PROJ.	$\phi$	Customer NO.

**WCON**  
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Product Data Sheet

No.	P/N	No. Left Power	No. Signal	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "F"	DIM "G"	No.	P/N	No. Left Power	No. Signal	DIM "A"	DIM "B"	DIM "C"	DIM "D"	DIM "F"	DIM "G"
1	P3MRA-20-020XXXXXXA1	20	20	156.21	148.59	147.32	136.53	156.97	132.72	33	P3MRA-06-024XXXXXXA1	6	24	69.85	62.23	60.96	47.63	70.61	43.82
2	P3MRA-20-012XXXXXXA1	20	12	151.13	143.51	142.24	136.53	151.89	132.72	34	P3MRA-06-020XXXXXXA1	6	20	67.31	59.69	58.42	47.63	68.07	43.82
3	P3MRA-14-024XXXXXXA1	14	24	120.65	113.03	111.76	98.43	121.41	94.62	35	P3MRA-06-016XXXXXXA1	6	16	64.77	57.15	55.88	47.63	65.53	43.82
4	P3MRA-14-012XXXXXXA1	14	12	113.03	105.41	104.14	98.43	113.79	94.62	36	P3MRA-06-012XXXXXXA1	6	12	62.23	54.61	53.34	47.63	62.99	43.82
5	P3MRA-13-012XXXXXXA1	13	12	106.68	99.06	97.79	92.08	107.44	88.27	37	P3MRA-06-008XXXXXXA1	6	8	59.69	52.07	50.80	47.63	60.45	43.82
6	P3MRA-12-024XXXXXXA1	12	24	107.95	100.33	99.06	85.73	108.71	81.92	38	P3MRA-05-024XXXXXXA1	5	24	63.50	55.88	54.61	41.28	64.26	37.47
7	P3MRA-12-020XXXXXXA1	12	20	105.41	97.79	96.52	85.73	106.17	81.92	39	P3MRA-05-008XXXXXXA1	5	8	53.34	45.72	44.45	41.28	54.10	37.47
8	P3MRA-12-012XXXXXXA1	12	12	100.33	92.71	91.44	85.73	101.09	81.92	40	P3MRA-04-120XXXXXXA1	4	120	118.11	110.49	109.22	34.93	118.87	31.12
9	P3MRA-11-032XXXXXXA1	11	32	106.68	99.06	97.79	79.38	107.44	75.57	41	P3MRA-04-060XXXXXXA1	4	60	80.01	72.39	71.12	34.93	80.77	31.12
10	P3MRA-11-024XXXXXXA1	11	24	101.60	93.98	92.71	79.38	102.36	75.57	42	P3MRA-04-048XXXXXXA1	4	48	72.39	64.77	63.50	34.93	73.15	31.12
11	P3MRA-10-028XXXXXXA1	10	28	97.79	90.17	88.90	73.03	98.55	69.22	43	P3MRA-04-032XXXXXXA1	4	32	62.23	54.61	53.34	34.93	62.99	31.12
12	P3MRA-10-024XXXXXXA1	10	24	95.25	87.63	86.36	73.03	96.01	69.22	44	P3MRA-04-024XXXXXXA1	4	24	57.15	49.53	48.26	34.93	57.91	31.12
13	P3MRA-10-020XXXXXXA1	10	20	92.71	85.09	83.82	73.03	93.47	69.22	45	P3MRA-04-020XXXXXXA1	4	20	54.61	46.99	45.72	34.93	55.37	31.12
14	P3MRA-10-016XXXXXXA1	10	16	90.17	82.55	81.28	73.03	90.93	69.22	46	P3MRA-04-016XXXXXXA1	4	16	52.07	44.45	43.18	34.93	52.83	31.12
15	P3MRA-10-008XXXXXXA1	10	8	85.09	77.47	76.20	73.03	85.85	69.22	47	P3MRA-04-012XXXXXXA1	4	12	49.53	41.91	40.64	34.93	50.29	31.12
16	P3MRA-09-024XXXXXXA1	9	24	88.90	81.28	80.01	66.68	89.66	62.87	48	P3MRA-04-008XXXXXXA1	4	8	46.99	39.37	38.10	34.93	47.75	31.12
17	P3MRA-09-020XXXXXXA1	9	20	86.36	78.74	77.47	66.68	87.12	62.87	49	P3MRA-03-032XXXXXXA1	3	32	55.88	48.26	46.99	28.58	56.64	24.77
18	P3MRA-09-016XXXXXXA1	9	16	83.82	76.20	74.93	66.68	84.58	62.87	50	P3MRA-03-024XXXXXXA1	3	24	50.80	43.18	41.91	28.58	51.56	24.77
19	P3MRA-09-012XXXXXXA1	9	12	81.28	73.66	72.39	66.68	82.04	62.87	51	P3MRA-03-016XXXXXXA1	3	16	45.72	38.10	36.83	28.58	46.48	24.77
20	P3MRA-08-028XXXXXXA1	8	28	85.09	77.47	76.20	60.33	85.85	56.52	52	P3MRA-02-144XXXXXXA1	2	144	120.65	113.03	111.76	22.23	121.41	18.42
21	P3MRA-08-024XXXXXXA1	8	24	82.55	74.93	73.66	60.33	83.31	56.52	53	P3MRA-02-076XXXXXXA1	2	76	77.47	69.85	68.58	22.23	78.23	18.42
22	P3MRA-08-016XXXXXXA1	8	16	77.47	69.85	68.58	60.33	78.23	56.52	54	P3MRA-02-048XXXXXXA1	2	48	59.69	52.07	50.80	22.23	60.45	18.42
23	P3MRA-08-012XXXXXXA1	8	12	74.93	67.31	66.04	60.33	75.69	56.52	55	P3MRA-02-040XXXXXXA1	2	40	54.61	46.99	45.72	22.23	55.37	18.42
24	P3MRA-08-008XXXXXXA1	8	8	72.39	64.77	63.50	60.33	73.15	56.52	56	P3MRA-02-036XXXXXXA1	2	36	52.07	44.45	43.18	22.23	52.83	18.42
25	P3MRA-07-040XXXXXXA1	7	40	86.36	78.74	77.47	53.98	87.12	50.17	57	P3MRA-02-032XXXXXXA1	2	32	49.53	41.91	40.64	22.23	50.29	18.42
26	P3MRA-07-024XXXXXXA1	7	24	76.20	68.58	67.31	53.98	76.96	50.17	58	P3MRA-02-024XXXXXXA1	2	24	44.45	36.83	35.56	22.23	45.21	18.42
27	P3MRA-07-016XXXXXXA1	7	16	71.12	63.50	62.23	53.98	71.88	50.17	59	P3MRA-02-020XXXXXXA1	2	20	41.91	34.29	33.02	22.23	42.67	18.42
28	P3MRA-06-104XXXXXXA1	6	104	120.65	113.03	111.76	47.63	121.41	43.82	60	P3MRA-02-016XXXXXXA1	2	16	39.37	31.75	30.48	22.23	40.13	18.42
29	P3MRA-06-060XXXXXXA1	6	60	92.71	85.09	83.82	47.63	93.47	43.82	61	P3MRA-02-012XXXXXXA1	2	12	36.83	29.21	27.94	22.23	37.59	18.42
30	P3MRA-06-040XXXXXXA1	6	40	80.01	72.39	71.12	47.63	80.77	43.82	62	P3MRA-02-008XXXXXXA1	2	8	34.29	26.67	25.40	22.23	35.05	18.42
31	P3MRA-06-036XXXXXXA1	6	36	77.47	69.85	68.58	47.63	78.23	43.82	63	P3MRA-02-004XXXXXXA1	2	4	31.75	24.13	22.86	22.23	32.51	18.42
32	P3MRA-06-032XXXXXXA1	6	32	74.93	67.31	66.04	47.63	75.69	43.82	64	P3MRA-01-036XXXXXXA1	1	36	45.72	38.10	36.83	15.88	46.48	12.07

A1	2022/03/25	Modify Notes	CHANGE	OPERATION		DRAW PAN	DATE 2022/03/25	SCALE	FIT	PART NO. P3MRA-XX-XXXXXXA1	 <a href="http://www.wcon.com">Http: www.wcon.com</a>	
				x.x	±0.40			UNIT	mm			
				x.xx	±0.25			SIZE	A4			
				x.xxx	±0.15			SHEET	2/2			
A0	2018/10/10	NEW		Angle	± 3°	APPROVE	DATE	SHEET	2/2	TITLE: PSP Spacing A 90° DIP MALE (TYPE-3:Left Power+2.54Signal)	WCON-Dongguan Tel: +86 769 85358920	WCON-Kunshan Tel: +86 512 57468408
REV	DATE	MODIFICATION DESCRIPTION	CHANGE	DIM	TOL			PROJ.		Customer NO.	Fax: +86 769 85358915 E-mail: sales@wcon.com	Fax: +86 512 57468468 E-mail: salesks@wcon.com